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|                     |                    |          |      | Application Number               | 10/652,583                         |  |  |  |
| STATEN              | IFNI BY            | APPLICA  | ANI  | Filing Date First Named Inventor | August 29, 2003 Takatoshi Sugimoto |  |  |  |
| (use as             | many sheets as nec | cessary) |      | Group Art Unit                   | 3652                               |  |  |  |
|                     |                    |          |      | Examiner Name                    | Not Yet Assigned                   |  |  |  |
| Sheet               | 1                  | Of       | 1    | Attorney Docket Number           | 388-031709                         |  |  |  |

|   |          |              |   | U.S. PATENT DOCUM                                | ENTS   |   |
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| Examiner Initials* Cite No.   U.S. Patent Docum |          |              | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |   |
| will  |          | 4,193,734    |   | Williams   | March 18, 1980   |   |
| 1   |          | 5,108,253    |   | Kobayashi et al.                                 | April 28, 1992   |   |
|   |          | 5,176,491    |   | Houkom   | January 5, 1993  |   |
|   |          | 5,806,313    |   | Koshi et al.                                     | September 15, 1998   |   |
| www   |          | 2003/0210972 | A1  | Yukawa et al.                                    | November 13, 2003  |   |
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|   | Cite         | 1            | Foreign Patent Doc | ument                     |                                | Date of Publication                              | Pages, Columns, Lines,                             |        |
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|   |              | JP 11-130    | 983                |                           | Kubota Corp.                   | January 19, 1999                                 |  | X      |
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{W0105038.1}

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| STATEM              | FNT RY            | APPLIC    | ΔΝΤ       | Filing Date            | August 29, 2003    |  |  |  |
| O I A I E III       |                   | 711 1 210 | A         | First Named Inventor   | Takatoshi Sugimoto |  |  |  |
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| U.S. PATENT DOCUMENTS |          |            |                        |   |                              |   |  |  |
|-----------------------|----------|------------|------------------------|---|------------------------------|---|--|--|
| Examiner<br>Initials* | Cite     | U.S. Pater | nt Document            | Name of Patentee or Applicant of Cited Document | Date of Publication of       | Pages, Columns, Lines,                                  |  |  |
|                       | No.'     | Number     | Kind Code <sup>2</sup> | of Cited Document                               | Cited Document<br>MM-DD-YYYY | Where Relevant<br>Passages or Relevan<br>Figures Appear |  |  |
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| CATERPILLAR   MTISUBISHI LTD.   I0-03-2002   Abstrac                                    | Examiner Cite |      | Foreign Patent Docu                     | ment | Name of Patentee or                    | Date of Publication | Pages, Columns,                           |               |
|---|---------------|------|---|------|--|---------------------|---|---------------|
| CATERPILLAR   MTISUBISHI LTD.   | Initials      | No.1 | Office <sup>3</sup> Number <sup>4</sup> |      |  | of Cited Document   | Where Relevant<br>Passages<br>Or Relevant | τ⁴ .          |
| JP 2001 323494A   | rlull         |      | JP 2003 003511 A                        |      | CATERPILLAR                            | 01-08-2003          |   | Abstract only |
| CONSTRUCTION MACHINE CO. LTD.  JP 2001 081808 A KOBELCO CONSTRUCTION MACHINERY  Abstrac |               |      | JP 2002 285574 A                        |      | KUBOTA CORP.                           | 10-03-2002          |   | Abstract only |
| CONSTRUCTION MACHINERY  |               |      | JP 2001 323494A                         |      | CONSTRUCTION MACHINE CO.               | 11-22-2001          |   | Abstract only |
| STEEL CO.   | Will          |      | JP 2001 081808 A                        |      | CONSTRUCTION<br>MACHINERY<br>LTD. KOBE | 03-27-2001          |   | Abstract only |
|   |               |      |   |      |  |                     |   |               |

| Examiner  | 1, 1      | . Date     | . 612/16 |
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| Examiner         | Cite               | U.S. Patent       | t Document             | Name of Pa                |           | Applicant                         | Date of Publication | n of     |                       |                                 |  |
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